

Table 5b. Estimated vaccination coverage with individual vaccines among children by 19 months of age by selected geographic area - United States, National Immunization Survey, 1998*

Geographic Area	≥3 DTP/DT [†] % (95%CI ^{***})	≥4 DTP/DT [§] % (95%CI)	≥3 Poliovirus [¶] % (95%CI)	≥1 MCV ^{**} % (95%CI)	≥3 Hib ^{††} % (95%CI)	≥3 Hepatitis B ^{§§}	≥1 Varicella ^{¶¶} % (95%CI)
AL-Jefferson Cnty	97.1 (± 2.3)	69.3 (± 6.2)	85.5 (± 4.7)	88.9 (± 4.2)	95.3 (± 2.7)	82.8 (± 5.0)	56.1 (± 6.8)
AL-Rest of State	97.7 (± 2.1)	72.5 (± 5.7)	84.9 (± 4.4)	88.6 (± 3.9)	94.6 (± 2.9)	86.0 (± 4.3)	49.6 (± 6.3)
AZ-Maricopa Cnty	91.7 (± 4.0)	69.3 (± 6.5)	86.3 (± 4.8)	80.1 (± 5.8)	89.0 (± 4.5)	80.9 (± 5.7)	45.7 (± 7.0)
AZ-Rest of State	88.7 (± 4.4)	63.6 (± 6.8)	83.4 (± 5.2)	79.3 (± 6.1)	87.0 (± 4.6)	76.6 (± 6.1)	39.7 (± 6.5)
CA-Los Angeles	90.8 (± 4.3)	65.9 (± 6.5)	83.5 (± 5.3)	86.2 (± 5.1)	89.5 (± 4.4)	82.8 (± 5.3)	48.4 (± 6.8)
CA-Rest of State	92.3 (± 3.7)	69.6 (± 6.1)	82.7 (± 5.2)	85.9 (± 4.7)	89.3 (± 4.3)	81.1 (± 5.3)	46.7 (± 6.5)
CA-San Diego Cnty	90.8 (± 3.8)	73.1 (± 5.6)	84.5 (± 4.6)	90.5 (± 3.8)	88.2 (± 4.3)	75.2 (± 5.6)	51.5 (± 6.4)
CA-Santa Clara	96.4 (± 2.3)	76.0 (± 5.7)	90.9 (± 3.7)	90.2 (± 4.3)	93.9 (± 3.0)	81.9 (± 5.4)	49.6 (± 6.8)
Dist of Columbia	91.7 (± 4.2)	59.3 (± 6.8)	80.7 (± 5.5)	82.1 (± 5.6)	88.0 (± 4.7)	78.3 (± 5.8)	49.8 (± 7.0)
FL-Dade County	91.7 (± 4.7)	60.1 (± 6.4)	80.2 (± 5.5)	87.1 (± 4.9)	89.4 (± 4.9)	81.3 (± 5.6)	27.3 (± 5.6)
FL-Duval County	95.3 (± 3.5)	66.9 (± 6.6)	86.0 (± 5.1)	84.7 (± 5.2)	93.9 (± 3.8)	86.4 (± 5.4)	39.2 (± 7.2)
FL-Rest of State	92.4 (± 3.9)	67.8 (± 6.4)	83.1 (± 5.0)	86.9 (± 4.6)	90.1 (± 4.2)	86.5 (± 4.9)	31.9 (± 6.1)
GA-Fulton/Dekalb	91.5 (± 5.2)	61.2 (± 7.2)	81.0 (± 6.3)	79.1 (± 6.4)	88.2 (± 5.9)	82.9 (± 6.0)	44.7 (± 6.9)
GA-Rest of State	95.7 (± 2.5)	70.9 (± 5.6)	87.6 (± 3.9)	87.3 (± 4.1)	94.9 (± 2.7)	88.0 (± 3.9)	39.2 (± 5.9)
IL-City Chicago	88.7 (± 5.4)	49.7 (± 7.4)	79.5 (± 6.4)	77.5 (± 6.6)	85.7 (± 5.5)	76.6 (± 6.7)	22.6 (± 6.0)
IL-Rest of State	96.1 (± 3.6)	69.6 (± 6.4)	87.8 (± 4.6)	88.5 (± 4.6)	94.0 (± 3.9)	91.6 (± 3.7)	21.9 (± 5.0)
IN-Marion County	94.1 (± 3.0)	61.4 (± 6.5)	83.9 (± 4.5)	83.4 (± 4.7)	92.6 (± 3.3)	78.2 (± 5.1)	24.3 (± 5.4)

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Geographic Area	≥3 DTP/DT [†] % (95%CI ^{***})	≥4 DTP/DT [§] % (95%CI)	≥3 Poliovirus [¶] % (95%CI)	≥1 MCV ^{..} % (95%CI)	≥3 Hib ^{††} % (95%CI)	≥3 Hepatitis B ^{§§}	≥1 Varicella ^{¶¶} % (95%CI)
IN-Rest of State	92.5 (± 3.9)	64.2 (± 6.3)	79.6 (± 5.5)	83.0 (± 4.9)	90.2 (± 4.2)	82.6 (± 5.1)	26.6 (± 5.5)
LA-Orleans Parish	92.5 (± 3.8)	65.6 (± 6.6)	87.2 (± 4.7)	81.9 (± 5.5)	91.0 (± 4.1)	78.5 (± 5.8)	29.7 (± 6.1)
LA-Rest of State	94.2 (± 3.2)	66.5 (± 6.1)	88.9 (± 4.1)	84.0 (± 5.0)	92.8 (± 3.6)	83.7 (± 4.8)	33.5 (± 6.2)
MA-City of Boston	98.3 (± 1.5)	74.8 (± 5.4)	93.1 (± 3.1)	95.1 (± 2.6)	97.5 (± 1.8)	86.4 (± 4.6)	35.4 (± 6.3)
MA-Rest of State	98.3 (± 1.4)	72.3 (± 5.5)	86.9 (± 4.0)	89.4 (± 3.7)	97.5 (± 1.8)	87.7 (± 3.8)	40.3 (± 5.9)
MD-Baltimore City	95.9 (± 3.0)	63.3 (± 7.2)	88.4 (± 4.4)	85.2 (± 5.2)	95.3 (± 3.1)	77.3 (± 7.5)	42.6 (± 7.7)
MD-Rest of State	92.8 (± 3.8)	64.9 (± 6.1)	84.3 (± 4.7)	82.0 (± 5.3)	90.0 (± 4.2)	83.5 (± 5.1)	42.2 (± 6.2)
MI-Detroit	84.9 (± 5.2)	59.8 (± 6.9)	74.4 (± 6.2)	76.7 (± 5.8)	82.4 (± 5.5)	78.0 (± 5.8)	18.7 (± 5.4)
MI-Rest of State	93.2 (± 3.3)	68.8 (± 5.9)	84.0 (± 4.6)	81.2 (± 5.2)	91.5 (± 3.7)	88.2 (± 4.2)	23.7 (± 5.1)
NJ-City of Newark	87.6 (± 5.5)	46.4 (± 8.5)	62.6 (± 8.7)	72.2 (± 8.3)	85.6 (± 5.9)	84.1 (± 5.8)	12.8 (± 5.0)
NJ-Rest of State	96.9 (± 2.5)	55.5 (± 7.5)	85.5 (± 4.8)	90.7 (± 3.9)	94.5 (± 4.0)	87.6 (± 4.7)	41.9 (± 7.3)
NY-5 Counties	92.9 (± 3.9)	67.8 (± 6.8)	81.7 (± 5.6)	92.7 (± 3.9)	89.6 (± 4.7)	86.4 (± 5.2)	41.4 (± 7.3)
NY-Rest of State	97.8 (± 2.6)	67.7 (± 6.5)	84.2 (± 5.0)	89.6 (± 4.2)	96.3 (± 2.7)	89.9 (± 4.6)	36.8 (± 6.5)
OH-Cuyahoga Cnty	91.3 (± 4.1)	59.2 (± 6.9)	79.6 (± 5.4)	84.6 (± 5.2)	88.2 (± 4.5)	85.1 (± 5.2)	34.4 (± 6.3)
OH-Franklin Cnty	92.3 (± 4.0)	68.5 (± 6.6)	78.3 (± 5.9)	88.3 (± 4.6)	93.1 (± 3.6)	79.9 (± 6.3)	39.9 (± 7.1)
OH-Rest of State	95.2 (± 2.6)	58.7 (± 6.4)	85.4 (± 4.4)	80.3 (± 5.2)	94.7 (± 2.7)	84.1 (± 4.8)	29.3 (± 5.8)
PA-Philadelphia	93.4 (± 3.7)	70.9 (± 6.4)	84.7 (± 5.0)	89.2 (± 4.8)	91.6 (± 4.0)	77.8 (± 5.7)	60.7 (± 6.9)

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PA-Rest of State	97.7 (± 1.8)	70.9 (± 5.3)	84.3 (± 4.2)	89.3 (± 3.8)	96.5 (± 2.2)	87.5 (± 3.9)	51.7 (± 5.8)
TN-Davidson Cnty	94.7 (± 3.2)	63.2 (± 6.3)	79.0 (± 5.5)	82.3 (± 5.1)	92.5 (± 3.5)	75.6 (± 5.7)	46.1 (± 6.6)
TN-Rest of State	94.6 (± 2.8)	73.7 (± 5.4)	88.4 (± 3.8)	89.7 (± 3.6)	91.8 (± 3.7)	83.5 (± 4.6)	40.2 (± 6.0)
TN-Shelby County	94.1 (± 3.4)	62.0 (± 6.7)	86.2 (± 4.9)	78.8 (± 5.5)	90.9 (± 4.2)	86.3 (± 4.7)	32.2 (± 6.5)
TX-Bexar County	94.0 (± 3.5)	70.8 (± 6.2)	89.2 (± 4.3)	89.7 (± 4.2)	91.4 (± 4.0)	90.0 (± 4.0)	43.1 (± 6.7)
TX-City Houston	85.0 (± 5.5)	52.8 (± 7.7)	75.0 (± 6.8)	80.4 (± 6.3)	83.9 (± 5.7)	65.4 (± 7.3)	35.1 (± 7.2)
TX-Dallas County	89.2 (± 4.8)	63.2 (± 7.2)	82.2 (± 5.9)	80.1 (± 5.8)	87.2 (± 5.1)	72.7 (± 6.9)	31.8 (± 7.0)
TX-El Paso Cnty	91.5 (± 3.6)	70.1 (± 5.6)	89.4 (± 3.9)	84.0 (± 4.6)	88.7 (± 4.0)	74.4 (± 5.3)	35.2 (± 5.8)
TX-Rest of State	91.6 (± 3.6)	69.7 (± 6.0)	84.7 (± 4.6)	85.1 (± 4.6)	89.6 (± 3.9)	76.8 (± 5.4)	40.1 (± 6.3)
WA-King County	94.7 (± 3.2)	70.6 (± 6.1)	88.4 (± 4.2)	90.1 (± 4.1)	92.1 (± 3.7)	74.8 (± 5.8)	21.4 (± 5.3)
WA-Rest of State	93.6 (± 3.0)	70.4 (± 5.6)	88.6 (± 4.0)	83.1 (± 4.7)	92.6 (± 3.4)	77.6 (± 5.1)	16.0 (± 4.2)
WI-Milwaukee Cnty	91.2 (± 4.3)	59.0 (± 6.5)	80.8 (± 5.4)	83.8 (± 5.2)	87.4 (± 4.8)	71.6 (± 6.0)	27.7 (± 5.7)
WI-Rest of State	95.6 (± 2.4)	72.2 (± 5.4)	88.7 (± 3.8)	86.7 (± 4.0)	94.0 (± 2.8)	84.1 (± 4.4)	27.4 (± 5.2)

Children in this period were born between February 1995 and May 1997.

† Three or more doses of diphtheria and tetanus toxoids and pertussis vaccine/diphtheria and tetanus toxoids (DTP/DT).

§ Four or more doses of diphtheria and tetanus toxoids and pertussis vaccine/diphtheria and tetanus toxoids (DTP/DT).

¶ Three or more doses of poliovirus vaccine.

** One or more doses of measles-containing vaccine.

†† Three or more doses of *Haemophilus influenzae* type b (Hib) vaccine.

§§ Three or more doses of hepatitis B vaccine.

¶¶ One or more doses of varicella vaccine.

*** Confidence interval.